MACPRESSE PRODUCTS, OUR DISTINCTIVE VALUES

PRODUCTION EFFICIENCY
Cutting efficiency and production optimisation (m³/h), high output specific weight.

REMOTE SOFTWARE SUPPORT
Integrated troubleshooting modem.

ENERGY SAVING
First class Bosch Rexroth hydraulic pumps.

MACPRESSE TYING
Highly customisable system using plastic wire, steel wire or double steel wire.

HIGH WEAR RESISTANCE
Patented HARDOX steel liners.

HIGH EFFICIENCY MOTORS
High efficiency IE3 motors, reduced electricity consumption compared with traditional motors.
LIFE CYCLE OF MACPRESSE PRODUCTS, FROM DESIGN TO ON-SITE ASSEMBLY

STEP 1: DESIGN
STEP 2: COMPUTER NUMERICAL CONTROL (CNC)
STEP 3: STRUCTURAL STEEL CONSTRUCTION
STEP 4: PAINTING
STEP 5: TESTING
STEP 6: STORAGE
STEP 7: DELIVERY
STEP 8: ON-SITE ASSEMBLY
STEP 9: COMMISSIONING/TRAINING
STEP 10: LOCAL TECHNICAL IN 40 COUNTRIES
STEP 11: SPARE PARTS INVENTORY

MACPRESSE QUALITY PROCESS
DRY - WET MSW SEPARATION
RECYCLING SECONDARY RAW MATERIALS - MSW VOLUME REDUCTION
## PROCESSED MATERIALS

<table>
<thead>
<tr>
<th></th>
<th>C&amp;I</th>
<th>MSW</th>
<th>RDF - SRF</th>
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<tbody>
<tr>
<td><strong>INFEED DENSITY</strong></td>
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<tr>
<td><strong>EUROPE</strong></td>
<td>200/300 kg/m³</td>
<td>300/350 kg/m³</td>
<td>150/200 kg/m³</td>
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<tr>
<td><strong>USA</strong></td>
<td>12.49/18.73 lb/ft³</td>
<td>18.73/21.85 lb/ft³</td>
<td>9.36/12.49 lb/ft³</td>
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SORTING AND BALING MUNICIPAL SOLID WASTE

MSW - 50/55 TON/H

- MSW INFEED BELTS
- END-OF-LINE BYPASS BELTS
- ROTARY SCREENS AND UNDERSCREEN COLLECTION
- MAC 111L/1 BALERS
- RECYCLABLE MATERIAL STORAGE BUNKER
ROTARY SCREENS

RECYCLABLE MATERIAL BUNKER UNLOADING

BALING LINES: MSW-RECYCLABLE MATERIAL

PET BOTTLES

NEWSPAPER

PLASTICS

WRAPPING LINE FOR MSW
MSW SORTING

40 TON/H

PLATFORM LOADING BELTS

DYNAMIC SCREENS

SELECTION PLATFORM

MAC 108/1 BALER FOR RECYCLABLE MATERIALS

MAC 108L/1 BALER FOR MSW

UNDERSCREEN DYNAMIC SEPARATOR
SORTING AND BALING

INDUSTRIAL WASTE 30/40 TON/HOUR
INDUSTRIAL WASTE CONTAINS A HIGH PERCENTAGE OF RECYCLABLE MATERIALS THAT CAN BE RECLAIMED. RECYCLING PREVENTS THIS MATERIAL FROM BEING SENT TO LANDFILLS OR INCINERATORS. MACPRESSE TECHNOLOGY PROVIDES SORTING AND BANDING SOLUTIONS WITH THE LOWEST POSSIBLE COST PER TON.
SEPARATION OF WASTE FROM INERT MATERIALS: BALING AND WRAPPING MSW USING A SEMI-MOBILE PLANT FOR SANITARY LANDFILL REMEDIATION

MAC 11L/1 BALER FOR MUNICIPAL SOLID WASTE

WRAPPING BALES

TEMPORARY BALES STORAGE
NON-COMPLIANT LANDFILLS CAN BE RECLAIMED:
A HIGH PERCENTAGE OF RECYCLABLE MATERIALS CAN BE RECOVERED FROM WASTE IN LANDFILLS. THE INERT MATERIALS CAN BE USED FOR DAILY COVER, ALL REMAINING MATERIAL CAN BE BALED REDUCING THE VOLUME AND TRIPLING THE CAPACITY OF THE LANDFILL.
MACPRESSE PLANTS INCREASING THE VALUE OF WASTE
The MACPRESSE sorting plants allow recyclable materials to be separated in an economical and efficient manner. The dry fraction of the remaining waste may be transformed into RDF (refuse derived fuel) with a high calorific value and sent to waste-to-energy plants or cement production plants, radically minimizing waste that cannot be reclaimed.

**UNSORTED MUNICIPAL SOLID WASTE OR INDUSTRIAL WASTE CONTAINS A HIGH PERCENTAGE OF RECYCLABLE MATERIALS.**
MACPRESSE IN NUMBERS

1500+
BALERS INSTALLED

200+
COLLABORATION AROUND THE WORLD

15+
PROPRIETARY PATENTS

50+
BALERS PER YEAR PRODUCED

50+
YEARS IN THE MARKET

50+
COUNTRIES WITH PARTNERS

40+
COUNTRIES WITH SPARE PARTS STORES

45+
COUNTRIES WITH INSTALLED BALERS

WORLDWIDE ASSISTANCE

CONTACTS
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tel. +39 02 905 24 20

SOLUTION FEATURES

*Macpresse reserves the right to change specifications without notice.